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Application No. : **2,457,606**
Owner : **SAMSUNG ELECTRONICS CO., LTD.**
Title : **COMPLEX WIRELESS SERVICE APPARATUS USING WIRED
AND WIRELESS COMMUNICATION SYSTEMS AND METHOD
THEREOF**
Classification : **H04Q 7/38 (2006.01)**
Your File No. : **16450-0**
Examiner : **Xiaoyun Hu**

YOU ARE HEREBY NOTIFIED OF :

- **A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2)
OF THE PATENT RULES;**
- **A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SECTION 29 OF THE
PATENT RULES.**

**IN ORDER TO AVOID MULTIPLE ABANDONMENTS UNDER PARAGRAPH 73(1)(A) OF THE
PATENT ACT, A WRITTEN REPLY TO EACH REQUISITION MUST BE RECEIVED WITHIN
SIX MONTHS AFTER THE ABOVE DATE.**

This application has been examined as originally filed.

The number of claims in this application is 32.

A search of the prior art has revealed the following:

Reference applied

PCT Application

D1: WO 98/11760

19 March 1998

VAN DER SALM

D1 discloses a multimode telecommunication terminal device comprising a plurality of interfaces for accessing a plurality of wired and wireless telecommunication networks.

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Unity of Invention

The claims are directed to a plurality of alleged inventions as follows:

Group A - Claims 1-5, 15-19, 27-31 are directed to completing an income request using the public phone number of the complex wireless terminal and wireless terminal unique number or the mobile communication phone number based on whether the complex wireless terminal is located in the premises with reference to the home location register or in a mobile communication service area;

Group B - Claims 6-14, 20-23, 32 are directed to providing communication without any disconnection by performing location registration or location registration cancellation in a mobile switching center when the complex wireless terminal moves to or leaves an extension wireless service area; and

Group C - Claims 24-26 are directed to a complex wireless service apparatus comprising an access point connected to a DSLAM in an office area and a private exchange in a home area.

The claims must be limited to one invention only as set out in section 36 of the *Patent Act*. In accordance with section 36 of the *Patent Act*, the claims of a single patent must all relate to a "single inventive concept", and as such the applicant must restrict the claims to those that share a "single inventive concept". The only feature that is common to the claims of the different groups identified above corresponds to the phrase in the preambles "A complex wireless service apparatus using a wired and wireless communication system". However, D1 (abstract) discloses a multimode telecommunication terminal device for accessing a plurality of wired and wireless telecommunication networks. Therefore, an *a posteriori* analysis with reference to D1 has concluded that a complex wireless service apparatus using a wired and wireless communication system is not new. There is no common inventive link among claims 1-5, 15-19, 27-31 of Group A, claims 6-14, 20-23, 32 of Group B and claims 24-26 of Group C.

The applicant may choose to proceed with the prosecution of only one group of claims by removing all the other groups of claims, or may argue that two or more of the above groups are in fact directed to a "single inventive concept", and proceed with prosecution of the selected two or more groups, while removing any remaining groups. Please note that the applicant is entitled to file one or more "divisional" applications to claim any groups of claims that are removed from the current application, should the applicant choose to do so.

Such a divisional application must be filed before the issue of a patent on the original application, in accordance with subsection 36(2) of the *Patent Act*, or, if the original application becomes abandoned for any reason, before the expiration of time for reinstating the original application, as recited in subsection 36(3) of the *Patent Act*. The time limit for reinstatement of an abandoned application is 12 months from the date of abandonment, as recited in section 98 of the *Patent Rules*.

In view of the above, a search of the prior art and examination will proceed once the applicant identifies the group of claims with a single inventive concept in this application to proceed with the prosecution.

Translation

It appears that the whole specification suffers from the translation from the foreign language. For example, it is not clear which technical features the expressions "extension location", "trying the incoming", "extension wireless service area", "the premises with reference to the home location register", "extension wireless service network", etc., refer to. The specification must be amended to bring it to a proper form.

In view of the foregoing defects, the applicant is requested, under subsection 30(2) of the *Patent Rules*, to amend the application in order to comply with the *Patent Act* and the *Patent Rules* or to provide arguments as to why the application does comply.

Section 29 of the Patent Rules requisition

Under section 29 of the *Patent Rules*, the applicant is requested to provide:

- an identification of any prior art cited in respect of the United States Patent and Trademark Office, European Patent Office, Japanese Patent Office and any other foreign patent office applications describing the same invention on behalf of the applicant or on behalf of any other person claiming under an inventor named in the present application; and the patent numbers, if granted, under paragraphs 29(1)(a) and 29(1)(b) of the *Patent Rules*;

- a copy of the related non-patent documents cited during the prosecution of these applications, under subsection 29(1) of the *Patent Rules*.

To satisfy this requisition, applicant should provide all the preceding information or documents, or provide in accordance with subsection 29(3) of the *Patent Rules* a statement of reasons why any information or document is not available or known.

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